

MSC04 Series

CHOKE COILS
MC TYPE

TEST INSTRUMENTS

L.Q. : HP 4291A RF Impedance Analyzer

SRF : HP 4291A RF Impedance Analyzer

RDC : Milliohm Meter HP-4338B

IDC : HP 4261A Digital LCR Meter

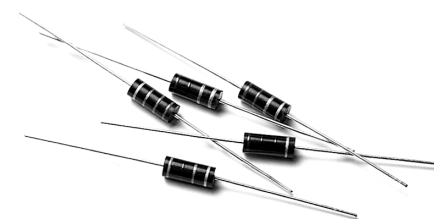
FEATURES

Wide Range of Inductance

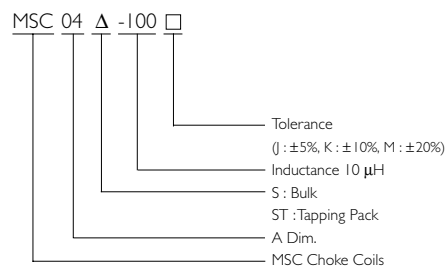
Sturdy Construction

Precision Performance

High Reliability, Uniform in Size, Ideal for Automat Insertion



PRODUCT IDENTIFICATION



DIMENSIONS

Dimensions : mm

L=0.22~560 μ H

FIG.	A	B
1	34.2 $\pm$ 0.254	10.4 $\pm$ 0.254
2	34.2 $\pm$ 0.254	10.4 $\pm$ 0.254

L=680~1000 μ H

FIG.	A	B	C	ϕ D	D	E	F	G
1	4.82 $\pm$ 0.254	11.18 $\pm$ 0.254	62 $\pm$ 3	0.65 ϕ				
2	4.82 $\pm$ 0.254	11.18 $\pm$ 0.254	52.4 $\pm$ 1.5		5 $\pm$ 0.5	6 $\pm$ 1	3.2 ⁰	0.65 ϕ

FIG.1

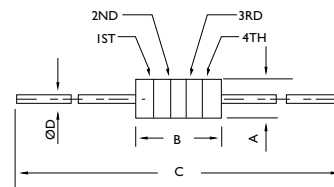
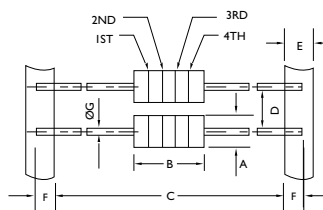


FIG.2





ELECTRICAL PARAMETERS

ITEM MSC04 SERIES	INDUCTANCE L(μH)	TEST FREQ. (MHz)	STANDARD SPEC.			
			Q Min.	S.R.F. Min. (MHz)	D.C. RESISTANCE Max.(Ω)	IDC (mA)
MSC04Δ-R22 □	0.22	25.2	40	250	0.067	800
MSC04Δ-R27 □	0.27	25.2	47	250	0.11	680
MSC04Δ-R33 □	0.33	25.2	46	250	0.13	620
MSC04Δ-R39 □	0.39	25.2	44	250	0.18	530
MSC04Δ-R47 □	0.47	25.2	44	235	0.25	450
MSC04Δ-R56 □	0.56	25.2	43	210	0.33	390
MSC04Δ-R68 □	0.68	25.2	45	190	0.45	330
MSC04Δ-R82 □	0.82	25.2	46	180	0.59	290
MSC04Δ-1R0 □	1.0	25.2	44	140	0.07	800
MSC04Δ-1R2 □	1.2	7.96	56	130	0.10	700
MSC04Δ-1R5 □	1.5	7.96	50	115	0.12	600
MSC04Δ-1R8 □	1.8	7.96	50	105	0.14	550
MSC04Δ-2R2 □	2.2	7.96	50	100	0.19	500
MSC04Δ-2R7 □	2.7	7.96	55	92	0.28	400
MSC04Δ-3R3 □	3.3	7.96	55	85	0.35	380
MSC04Δ-3R9 □	3.9	7.96	55	75	0.40	360
MSC04Δ-4R7 □	4.7	7.96	55	70	0.55	300
MSC04Δ-5R6 □	5.6	7.96	58	65	0.72	280
MSC04Δ-6R8 □	6.8	7.96	55	55	1.02	170
MSC04Δ-8R2 □	8.2	7.96	50	50	1.32	170
MSC04Δ-100 □	10	7.96	55	46	1.62	180
MSC04Δ-120 □	12	2.52	60	44	2.00	110
MSC04Δ-150 □	15	2.52	45	49	0.80	260
MSC04Δ-180 □	18	2.52	45	45	0.89	250
MSC04Δ-220 □	22	2.52	46	41	0.96	220
MSC04Δ-270 □	27	2.52	48	38	1.19	200
MSC04Δ-330 □	33	2.52	46	34	1.37	190
MSC04Δ-390 □	39	2.52	50	29	1.93	180
MSC04Δ-470 □	47	2.52	50	27	2.11	175
MSC04Δ-560 □	56	2.52	45	25	2.23	160
MSC04Δ-680 □	68	2.52	40	21	2.70	150
MSC04Δ-820 □	82	2.52	42	10.5	2.44	140
MSC04Δ-101 □	100	2.52	40	10	3.12	120
MSC04Δ-121 □	120	0.796	50	9.7	3.60	95
MSC04Δ-151 □	150	0.796	50	8.5	4.10	90
MSC04Δ-181 □	180	0.796	55	8.0	4.40	85
MSC04Δ-221 □	220	0.796	55	7.5	5.00	80
MSC04Δ-271 □	270	0.796	55	7.0	5.80	70
MSC04Δ-331 □	330	0.796	55	6.5	6.40	65
MSC04Δ-391 □	390	0.796	60	6.2	7.40	60
MSC04Δ-471 □	470	0.796	60	5.7	9.50	55
MSC04Δ-561 □	560	0.796	60	4.7	10.5	55
MSC04Δ-681 □	680	0.796	60	4.5	11.8	50
MSC04Δ-821 □	820	0.796	60	4.2	13.0	45
MSC04Δ-102 □	1000	0.796	60	3.8	17.5	60

*Customers' Specifications are Welcome